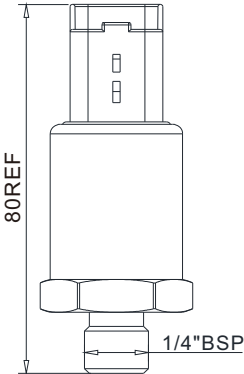


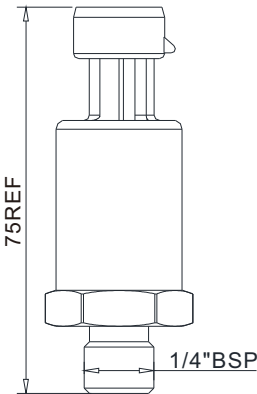
PS3H Glass Microfusion Type - Hydrogen Energy Pressure Sensor

- ☆ The PS3H series pressure sensor is dedicated to the pressure sensor of hydrogen energy, and has passed the hydrogen embrittlement test and related research with reference to domestic and foreign standards. It adopts glass micro-melting core body, the core body is an integral design, stainless steel 316L shell and joints, high corrosion resistance and high resistance to hydrogen embrittlement, no risk of leakage, compact and reliable, strong overload capacity, and good long-term stability.
- ☆ The pressure range of this series of sensors can be from 0 to 2000bar (absolute pressure), and the accuracy can reach $\pm 0.5\%$. It can realize remote data transmission, and can provide a variety of process connection methods according to customer requirements.

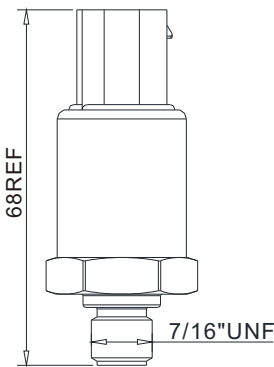
*All dimensions in MM.



PIN#	F4(0.5~4.5V)
1	Vin(+5V)
2	GND
3	Signal



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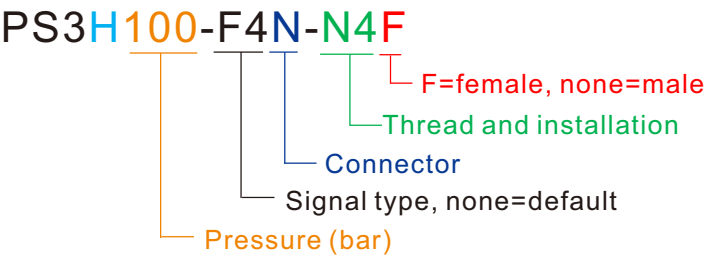


PIN#	F4(0.5~4.5V)
1	GND
2	Vin(+5V)
3	Signal

Specification

Sensor type	Glass Microfusion Type	Pressure response time	1ms
Default connector	N3 (mate with AMP 2-967642-1, Customizable)	Pressure range	0-20bar ~ 0-2000bar
Default Thread	1/4"BSP(Customizable)	Working temp	-40~120℃
Protection	IP67	Accuracy	1.0%(0.5% available)
Insulation	>100 MΩ @ 50V	Temperature compensation	YES

Code Identify



Connector	
N	Mate with AMP 2-967642-1
M	Mate with Delphi 12065287
E	Mate with FCI211PC032S0049,AMP 1801177-1

Thread and installation	
B4	Default 1/4"BSP
B8	1/8"BSP
N4	1/4"NPT
N8	1/8"NPT

Output Types

Signal Type (Can be customized)		
Signal	Input	Output
F4 (Default)	5v	0bar/0.50v~F.S./4.50v
F5	5v	0bar/0.25v~F.S./4.15v
F6	5v	0bar/0.25v~F.S./4.75v
F7	5v	0bar/0.50v~F.S./4.41v
T4	9~24v	0bar/0.50v~F.S./4.50v
T5	9~24v	0bar/0.25v~F.S./4.15v
T6	9~24v	0bar/0.25v~F.S./4.75v
T7	9~24v	0bar/0.50v~F.S./4.41v

